



Atty. Dkt. No. 016906-0286

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jochen DRÄGER et al.  
Title: FLUID FRICTION CLUTCH  
Appl. No.: 10/647,110  
Filing Date: 08/25/2003  
Examiner: Unassigned  
Art Unit: 3681

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

Document A11 discloses a fluid friction clutch with a reserve chamber in the primary disk. Documents A8 and A11 claim priority based on the same first-filed application.

Document A12 discloses a fluid friction clutch. Documents A7 and A12 claim priority based on the same first-filed application.

Document A13 discloses a fluid friction clutch. Documents A6 and A13 claim priority based on the same first-filed application.

Document A14 discloses a temperature-sensitive fluid type fan coupling apparatus. Documents A9 and A14 claim priority based on the same first-filed application.

Document A15 discloses an automotive cooling fan having a fluid friction clutch. Documents A5 and A15 claim priority based on the same first-filed application.

Document A16 discloses a fluid friction clutch controllable by a remote temperature sensor. Documents A4 and A16 claim priority based on the same first-filed application.

English translations of the foreign-language documents are not readily available. However, the absence of such translations does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609). English language abstracts are provided herewith.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date JAN 15 2004

By Richard L. Schwaab

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted JAN 15 2004

(use as many sheets as necessary)

Sheet

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## Complete if Known

Application Number	10/647,110
Filing Date	08/25/2003
First Named Inventor	Jochen DRÄGER
Group Art Unit	3681
Examiner Name	Unassigned
Attorney Docket Number	016906-0286

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
A1	4,046,239			TINHOLT	09-06-1977	
A2	4,355,709			LIGHT	10-26-1982	
A3	5,893,442			LIGHT	04-13-1999	
A4	4,305,491			ROHRER	12-15-1981	
A5	3,893,555			ELMER	07-08-1975	
A6	6,032,775			MARTIN	03-07-2000	
A7	4,564,094			STORZ	01-14-1986	
A8	4,667,791			MARTIN ET AL.	05-26-1987	
A9	4,850,465			ONO	07-25-1989	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
A10	GB	2 144 833		A	FICHTEL & SACHS AG	03-13-1985		
A11	DE	34 45 664		C2	SUEDDEUTSCHE KUEHLER BEHR ET AL.	12-17-1987		Abstract
A12	DE	31 47 797		C2	SUEDDEUTSCHE KUEHLER BEHR	02-11-1988		Abstract
A13	DE	197 42 823		A1	BEHR GMBH & CO.	04-01-1999		Abstract
A14	DE	37 39 564		A1	USUI KOKUSAI SAN'GYO KK	06-01-1988		Abstract
A15	DE	2 414 017			DYNAIR LTD	12-12-1974		Abstract
A16	DE	31 09 724		A1	EATON CORP.	02-11-1982		Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.